Matthews® ARCHITECTURAL PRODUCTS

Matthews makes it™

possible.

Specification Guide

CAST PLAQUE SPECIFICATIONS

1. CHOOSE MATERIAL AND RAISED SURFACE FINISH

BRONZE

100% Post-Consumer
Minimum of 87% Copper

SATIN BRONZE

ORBITAL BRONZE

POLISHED BRONZE

ALUMINUM

Aluminum Association
Alloy Designation C443.2

SATIN ALUMINUM ☆

Meets NAMM finish
designation AA-M33-C11-R10

ORBITAL ALUMINUM

2. CHOOSE BACKGROUND TEXTURE

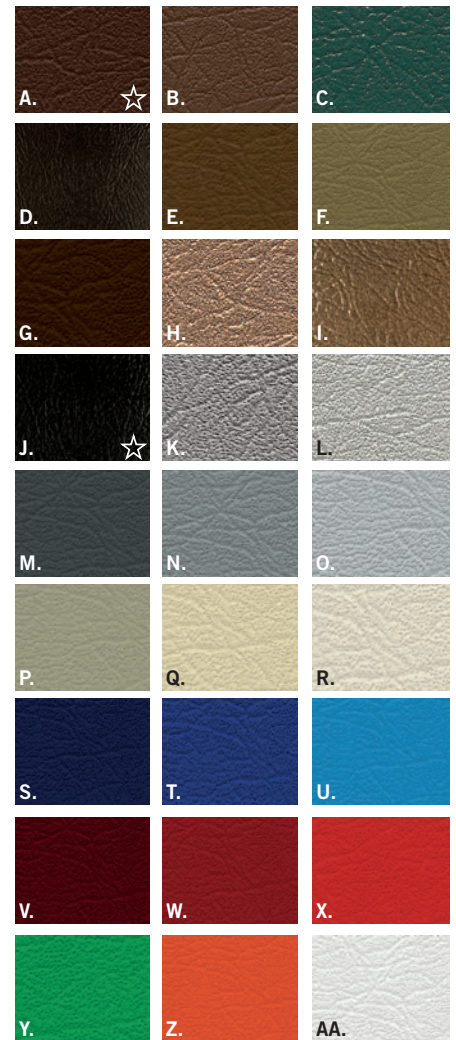| LEATHERETTE ☆	PEBBLED MAX SIZE: 30"X40"	SCULPTURED	TRAVERTINE

3. CHOOSE BACKGROUND COLOR

Recommended for Bronze

A. Dark Oxide Stain
B. Light Oxide Stain
C. Dark Green
D. Dark Bronze M-313
E. Medium Bronze M-312
F. Light Bronze M-311
G. Dark Brown M-70
H. Natural Sandblast (Bronze)
I. Golden Bronze M-40

Recommended for Aluminum

J. Black
K. Metallic Grey
L. Natural Sandblast (Aluminum)
M. Dark Grey M-10
N. Medium Grey M-8
O. Light Grey M-5

Additional Painted Colors

P. Beige M-65
Q. Cream M-71
R. Ivory M-58
S. Dark Blue M-28
T. Medium Blue M-25
U. Light Blue M-20
V. Maroon M-118
W. Dark Red M-115
X. Red M-107
Y. Green M-38
Z. Orange M-102
AA. White

Color swatches:
A. ☆ | B. | C.
D. | E. | F.
G. | H. | I.
J. ☆ | K. | L.
M. | N. | O.
P. | Q. | R.
S. | T. | U.
V. | W. | X.
Y. | Z. | AA.

HAND-RUBBED FINISHES

Simulates the look of antique bronze or pewter. Recessed areas have multiple tones of brownish black created by hand-rubbing the color from the metal. Raised areas may be left with light amounts of hand-rubbed color or can be satin-belted or polished.

ANTIQUE FINISH

PEWTER FINISH

4. CHOOSE PROTECTIVE COATING
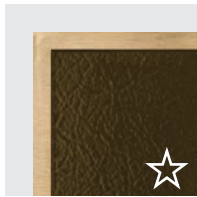
Diamond Shield® Protective Coating
Recommended for exterior use, this clear coat is factory-applied only. A higher gloss that provides maximum durability in harsh exterior environments.
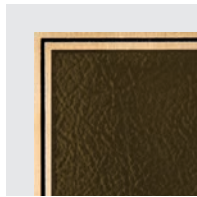
Matthews Clear Protective Lacquer
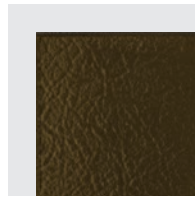A low-gloss appearance that inhibits oxidizing.
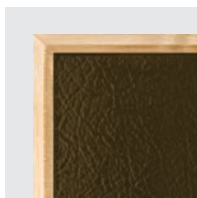
5. CHOOSE BORDER
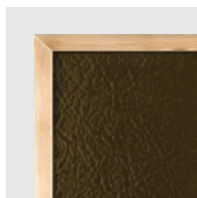
Single Line

Double Line

Straight Edge

Single Line Bevel

Bevel

6. CHOOSE EMBLEMS, PORTRAITS & LOGOS

Bas Relief

ImageCast™

Flat Relief

Digital Print

MetalPhoto™

Full Color Medallions

IMAGECAST™

An innovative, patented process, ImageCast™ combines the enduring distinction of cast bronze with the detailed look of a photograph. Imagine turning any photo into a permanent, strikingly beautiful cast bronze or aluminum plaque.
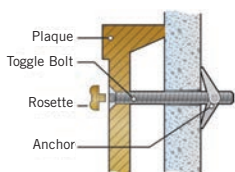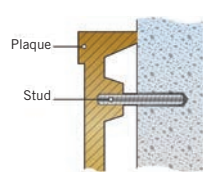
EMBLEMS

Choose from thousands of our standard emblems at no additional charge. Contact us at 800.950.1317 for emblem availability and custom emblem pricing.
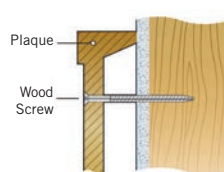
7. CHOOSE MOUNTING METHOD

Plaque
Toggle Bolt
Rosette
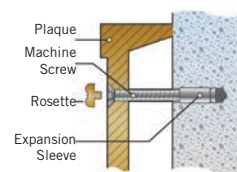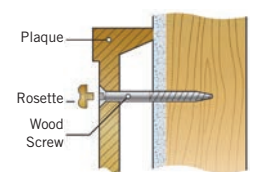Anchor

Rosettes & Toggle Bolts

Plaque
Stud

Stud Mount

Plaque
Wood Screw

Through The Face Mount

Plaque
Machine Screw
Rosette
Expansion Sleeve

Rosettes, Machine Screws & Expansion Sleeves

Plaque
Rosette
Wood Screw

Rosettes w/ Wood Screws

CAST LETTER SPECIFICATIONS

1. CHOOSE MATERIAL & SURFACE FINISH

BRONZE 100% Post-Consumer Minimum of 87% Copper

ALUMINUM Aluminum Association Alloy Designation C443.2

Satin Bronze

Polished Bronze

Satin Aluminum

Chrome Plated Bronze

Light Oxidized Bronze

Polished Aluminum

Medium Oxidized Bronze

Dark Oxidized Bronze

Painted Aluminum
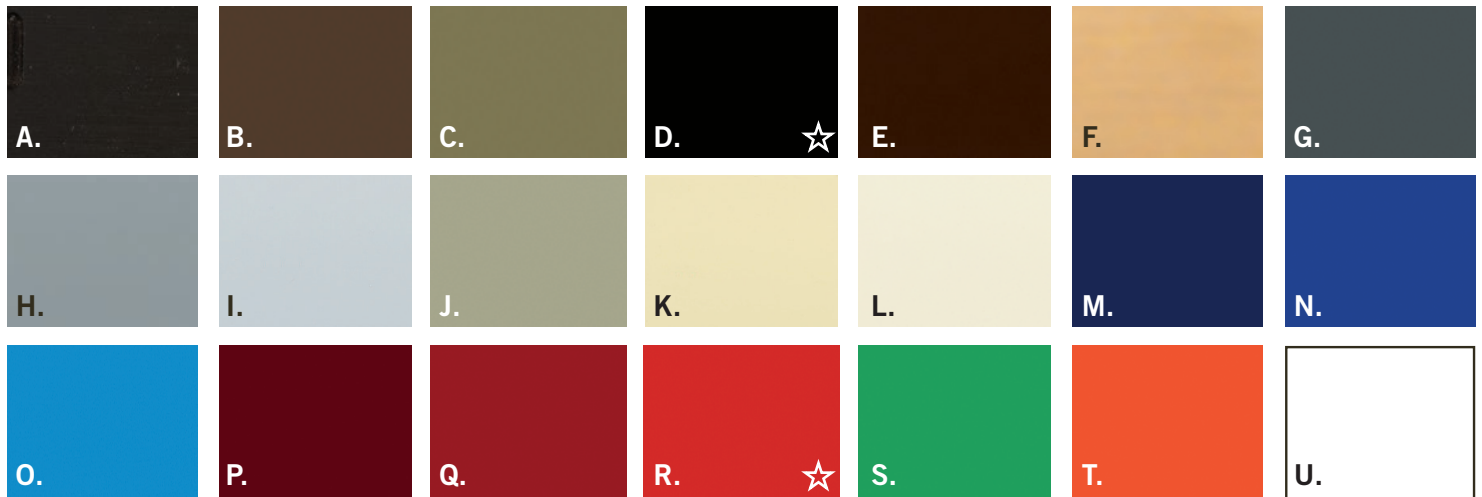
PRISMATIC LETTERS

Many cast letter styles can be converted to a prismatic face. A variety of other shapes and textures can also be applied to cast letter faces.

Prismatic letters are often tied to tradition. Their quality and permanence are especially well suited to hotels, law firms and corporations.

May not be appropriate for all letter styles. Not recommended for letter sizes under 1½" in height.

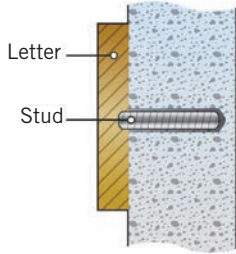## 2. CHOOSE COLOR (PAINTED ALUMINUM ONLY)

A.	B.	C.	D. ☆	E.	F.	G.
H.	I.	J.	K.	L.	M.	N.
O.	P.	Q.	R. ☆	S.	T.	U.

A.	Dark Bronze M-313	H.	Medium Grey M-8	O.	Light Blue M-20
B.	Medium Bronze M-312	I.	Light Grey M-5	P.	Maroon M-118
C.	Light Bronze M-311	J.	Beige M-65	Q.	Dark Red M-115
D.	Black	K.	Cream M-71	R.	Red M-107
E.	Dark Brown	L.	Ivory M-58	S.	Green M-38
F.	Golden Bronze M-40	M.	Dark Blue M-28	T.	Orange M-102
G.	Dark Grey M-9	N.	Medium Blue M-25	U.	White

3. CHOOSE MOUNTING METHOD

Letter
Stud

Flush Mount with Studs

Letter
Stud
Spacer

Projected Mount with Studs and Spacers

Letter
Screw
Back Bar

Back Bar Mount Letters

4. CHOOSE LETTER STYLE [AVAILABLE CAP HEIGHTS IN INCHES]
*Lower case not available. • ^ Numbers not available.

Helvetica Italic
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12]

Helvetica Medium
[^{3}/$_8$, ^{1}/$_2$, ^{5}/$_8$, ^{3}/$_4$, 1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12,14, 16, 18, 20, 24]

Helvetica Regular
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14, 16]

Times New Roman
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14, 16]

Americana
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14 ,16]

Century Bold
[2, 3, 4, 6, 8, 10, 12]

Clarendon Condensed*^
[1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14 ,16]

Garamond Regular
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14 ,16]

Garamond Bold
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14 ,16]

Goudy Bold
[2, 3, 5, 6, 8, 10, 12]

Kabel*
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14 ,16]

Optima
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14 ,16]

Optima Semi-Bold
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14 ,16]

Palatino
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14 ,16]

Palatino Semi-Bold
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14 ,16]

Roman Classic*
[^{3}/$_8$, ^{1}/$_2$, ^{5}/$_8$, ^{3}/$_4$, ^{7}/$_8$, 1, 1^1/$_4$ 1^1/$_2$, 1^3/$_4$, 2, 2^1/$_2$, 3, 3^1/$_2$, 4, 4^1/$_2$ 5, 5,^{1}/$_2$, 6, 8, 9, 10, 12]

Runic*
[^{3}/$_8$, ^{1}/$_2$, ^{5}/$_8$, ^{3}/$_4$, ^{7}/$_8$ 1, 1^1/$_4$, 1^1/$_2$, 1^3/$_4$, 2, 2^1/$_4$, 2^1/$_2$, 2^3/$_4$, 3, 3^1/$_2$, 4]

Sans Serif
[^{3}/$_8$, ^{1}/$_2$, ^{5}/$_8$, ^{3}/$_4$, ^{7}/$_8$, 1, 1^1/$_4$, 1^1/$_2$, 2, 2^1/$_2$, 3, 4, 5 ,6, 8, 10, 12]

Univers 55
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14 ,16]

Univers 65
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14 ,16]

Univers 67
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14 ,16]

Clarendon Bold
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14 ,16]

Claw Clarendon Profile*
[1^1/$_2$, 2, 3, 4, 6, 8, 10, 12]

Deep Ribbon*^
[2, 4, 6, 8, 10, 12]

Microgramma Extended
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14 ,16]

Microgramma Extended Bold
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14 ,16]

Clarendon Medium
[^{3}/$_8$, ^{1}/$_2$, ^{5}/$_8$, ^{3}/$_4$, ^{7}/$_8$, 1, 1^1/$_4$, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12, 14 ,16]
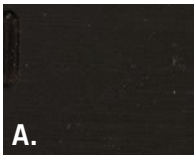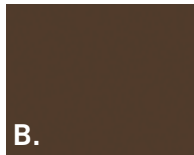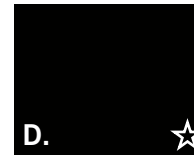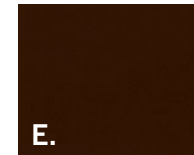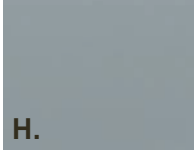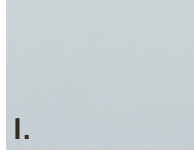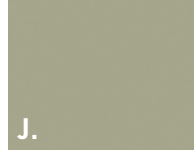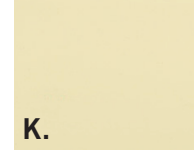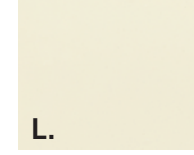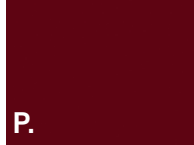
Futura*
[1, 1^1/$_2$, 2, 3, 4, 6, 8, 10, 12]

ETCHED PLAQUE SPECIFICATIONS

1. CHOOSE MATERIAL AND SURFACE FINISH

ALUMINUM
Aluminum Association Standard Alloy 6061
Standard sized sheet: 48"W x 96"L

SATIN ALUMINUM	POLISHED ALUMINUM

STAINLESS STEEL
Standard: Alloy 304
Optional: Alloy 316
Standard sized sheet: 48"W x 96"L

SATIN STAINLESS STEEL	POLISHED STAINLESS STEEL	ORBITAL STAINLESS STEEL

ZINC
Standard sized sheet: 24"W x 36"L
Available thickness: .064", .125", .163"

SILVERTONE ZINC	BRONZETONE ZINC	BRASSTONE ZINC	TWO COLOR PAINTED ZINC

COMMERCIAL BRONZE
Copper Development Assn. Alloy C22000. 90% Copper, 10% Zinc. Standard sized sheet: 48"W x 96"L

SATIN COMMERCIAL BRONZE	POLISHED COMMERCIAL BRONZE	LIGHT OXIDIZED COMMERCIAL BRONZE	MEDIUM OXIDIZED COMMERCIAL BRONZE	DARK OXIDIZED COMMERCIAL BRONZE

BRASS
Copper Development Assn. Alloy C26000. 70% Copper, 30% Zinc. Standard sized sheet: 36"W x 96"L

SATIN BRASS	POLISHED BRASS	LIGHT OXIDIZED BRASS	MEDIUM OXIDIZED BRASS	DARK OXIDIZED BRASS

MUNTZ
Copper Development Assn. Alloy C28000. 60% Copper, 40% Zinc. Standard sized sheet: 48"W x 96"L

SATIN MUNTZ	POLISHED MUNTZ	LIGHT OXIDIZED MUNTZ	MEDIUM OXIDIZED MUNTZ	DARK OXIDIZED MUNTZ

COPPER
Copper Development Assn. Alloy C11000. Standard sized sheet: 36"W x 96"L

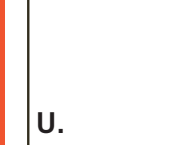|				
SATIN COPPER	POLISHED COPPER	LIGHT OXIDIZED COPPER	MEDIUM OXIDIZED COPPER	DARK OXIDIZED COPPER

2. CHOOSE BACKGROUND COLOR

A.	B.	C.	D. ☆	E.	F.	G.

H.	I.	J.	K.	L.	M.	N.

O.	P.	Q.	R. ☆	S.	T.	U.

A. Dark Bronze M-313	H. Medium Grey M-8	O. Light Blue M-20
B. Medium Bronze M-312	I. Light Grey M-5	P. Maroon M-118
C. Light Bronze M-311	J. Beige M-65	Q. Dark Red M-115
D. Black	K. Cream M-71	R. Red M-107
E. Dark Brown	L. Ivory M-58	S. Green M-38
F. Golden Bronze M-40	M. Dark Blue M-28	T. Orange M-102
G. Dark Grey M-9	N. Medium Blue M-25	U. White

Raised Graphics
Background painted or chemically oxidized, depending on material. Small lettering with fine serifs is not recommended.

Recessed Graphics
Infilled with a painted color. Brass alloys may be chemically oxidized to appear darker.

DIGITAL PRINTING

Full-color graphics, including wood grains, can be printed in recesses and on raised elements with provided artwork.

Square inch printing cannot exceed 48" x 120"

3. CHOOSE PROTECTIVE COATING

Protective clear coatings are used on all metals except stainless steel and polished aluminum.
Coatings are available in the following finishes:
Gloss - standard clear coating; high sheen
Satin - standard for ADA signage; mild sheen

Semi-Gloss - medium sheen
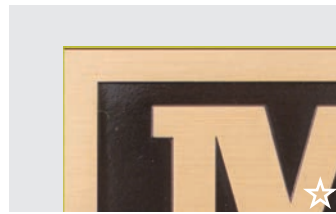Matte - no sheen

4. CHOOSE CORNERS & EDGES

Square Corners
90° is standard unless otherwise specified

Radius Corners
Specify required radius

Square Edge
90° is standard unless otherwise specified

Bevel Edge
Standard bevel is 45° and is applied to one half the material thickness. Bevel edges are not available on $\frac{1}{16}$" thickness.

CUSTOM SHAPES

In addition to the corners and edges above, custom shapes are also available.

5. CHOOSE MOUNTING METHOD

Plaque
Double Sided Tape

Double-Faced Tape
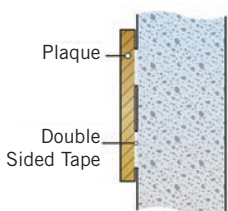
Plaque
Silicone Adhesive
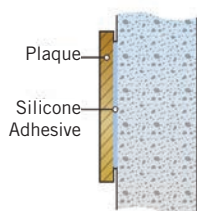
Silicone Mount

Drilled & Tapped Studs
$\frac{1}{4}$" thick material
Plaque
Stud
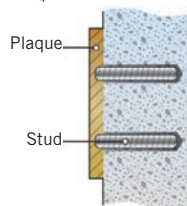
Welded Studs
$\frac{1}{8}$" or $\frac{3}{16}$" thick material
Plaque
Stud

Stud Mount

Plaque
Wood Screw
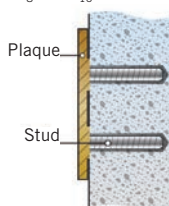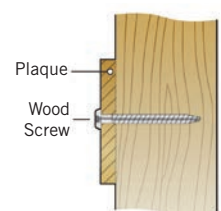
Through The Face Mount

WATERJET-CUT LETTER SPECIFICATIONS

1. CHOOSE MATERIAL & SURFACE FINISH

STAINLESS STEEL
Standard: Alloy 304 Optional: Alloy 316 (add 30%)
Standard sized sheet: 48"W x 96"L

Satin Stainless Steel

Polished Stainless Steel
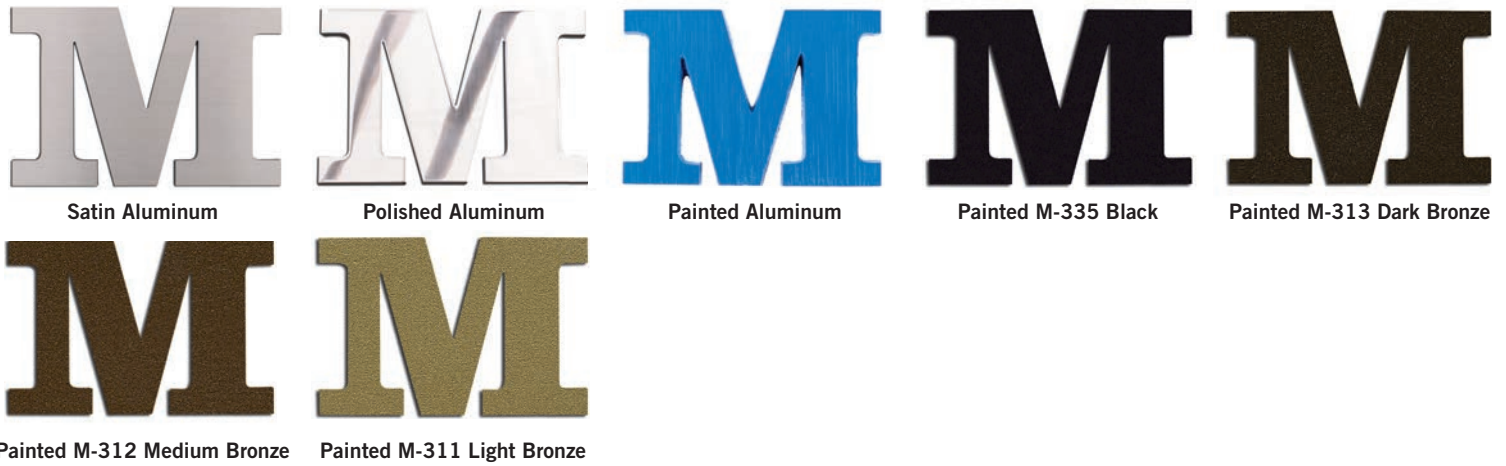
Random Orbital Stainless Steel

WATERJET-CUT LETTERS & LOGOS

Waterjet-Cut Letters & Logos are custom cut to your exact artwork specifications, providing greater flexibility and customization than standard cast letters.

ALUMINUM
Aluminum Association Standard: Alloy 6061
Standard sized sheet: 48"W x 96"L

Satin Aluminum

Polished Aluminum

Painted Aluminum

Painted M-335 Black

Painted M-313 Dark Bronze

Painted M-312 Medium Bronze

Painted M-311 Light Bronze

COMMERCIAL BRONZE
Copper Development Assocation Alloy C22000; 90% Copper, 10% Zinc
Standard sized sheet: 48"W x 96"L

Satin Bronze

Polished Bronze

Light Oxidized Bronze

Medium Oxidized Bronze

Dark Oxidized Bronze

C260 YELLOW BRASS
Copper Development Assocation Alloy C26000; 70% Copper, 30% Zinc
Standard sized sheet: 36"W x 96"L

Satin Brass

Polished Brass

Light Oxidized Brass

Medium Oxidized Brass

Dark Oxidized Brass

MUNTZ METAL
Copper Development Assocation Alloy C28000; 60% Copper, 40% Zinc
Standard sized sheet: 48"W x 96"L

Satin Muntz Metal

Polished Muntz Metal

Light Oxidized Muntz Metal

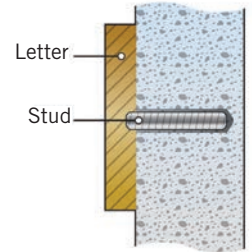**Medium Oxidized Muntz Metal**

Dark Oxidized Muntz Metal

2. CHOOSE COLOR
(PAINTED ALUMINUM ONLY)
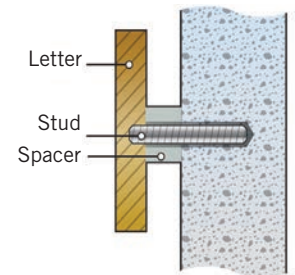
A. Dark Bronze M-313
B. Medium Bronze M-312
C. Light Bronze M-311
D. Black
E. Dark Brown
F. Golden Bronze M-40
G. Dark Grey M-9
H. Medium Grey M-8
I. Light Grey M-5
J. Beige M-65
K. Cream M-71
L. Ivory M-58
M. Dark Blue M-28
N. Medium Blue M-25
O. Light Blue M-20
P. Maroon M-118
Q. Dark Red M-115
R. Red M-107
S. Green M-38
T. Orange M-102
U. White

A.	B.	C.
D. ☆	E.	F.
G.	H.	I.
J.	K.	L.
M.	N.	O.
P.	Q.	R. ☆
S.	T.	U.

3. CHOOSE MOUNTING METHOD

Letter
Stud

Flush Mount with Studs

Letter
Stud
Spacer

Projected Mount with Studs and Spacers

Letter
Screw
Back Bar
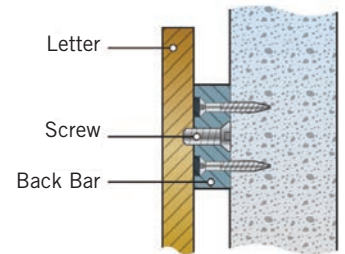
Back Bar Mount Letters

ARTWORK REQUIREMENTS

We can work with any of these digital formats:

- TrueType font
- .dxf image saved in outline form
- Corel Draw .cdr files saved as curves
- Adobe Illustrator files saved as outlines for either Mac, PC

LOGOS ALSO AVAILABLE!

GLASS EXPRESSIONS™ SPECIFICATIONS

1. CHOOSE GLASS TYPE

LOW IRON
Clear Edge

JADE
Green Edge

COLORED
Azulite

2. CHOOSE GLASS SHAPE

SQUARES & RECTANGLES

CIRCLES & OVALS

CUSTOM SHAPES*

*Custom shapes are subject to availability based on individual order specifications and requirements.

3. CHOOSE GLASS EDGE

FLAT POLISHED
Small bevel of width not exceeding 1/16"

BEVEL
Surface edge of glass beveled to 1/8" or more

MITRE BEVEL
Cut edge of glass beveled to a 45° angle

OGEE
Available on circular and oval edges from 3/8" to 3/4" thick glass

PENCIL
Standard on circular and oval shapes

4. CHOOSE GLASS THICKNESS

$1/8$" $1/4$" $3/8$" $1/2$" $3/4$"

Other thickness available upon request

PRODUCT TREATMENT

ANNEALED
- Standard glass without any treatments
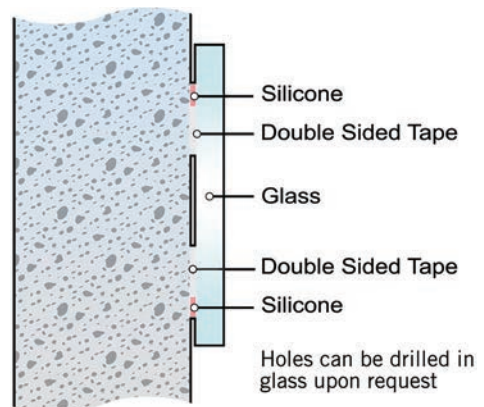- Used for glass up to 144 square inches

LAMINATED
- Safety glass that holds together when shattered
- Used for glass over 144 square inches

SWIMMING POOL

Glass etching provides integral text and graphics.

MOUNTING METHOD

- Silicone
- Double Sided Tape
- Glass
- Double Sided Tape
- Silicone

Holes can be drilled in glass upon request

WHAT IS DESIGNFUSION™?

Apply designs to just about any raised or recessed surface with DesignFusion™ by Matthews Architectural Products. This new and unique in-house finishing option bonds patterns and colors directly to the product being transformed. Adding a design to any product is a simple and effortless process.

AVAILABLE OPTIONS

Matthews offers both standard and custom finishing options.

CURRENT OFFERINGS

While there are a wide variety of films available, we currently stock these ten:

A. Black Granite

B. Stone

C. Travertine

D. Burlwood

E. Dusty Walnut

F. Eastern Rosewood

G. Satin Look

H. Water Drops

I. Carbon Fiber Black

J. Carbon Fiber Silver

Other options are available with a minimum purchase requirement.
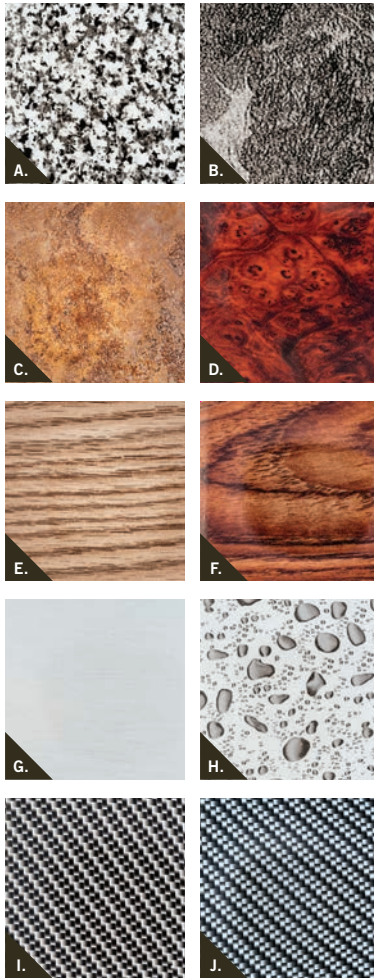
CUSTOM LETTERS

Customize letters by adding one of Matthews' finishing options to make them stand out from the crowd.

UNLIMITED DESIGN CAPABILITIES

For an even more customized look, you can design your own film. Create a personalized design utilizing your company's logo or branding, match existing décor, or other unique ideas – the possibilities are endless.

Matthews
ARCHITECTURAL PRODUCTS

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